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[PDF] **Image distortion** correction in EPI: comparison of field mapping with point spread function mapping   [PDF] from psu.edu
H Zeng, RT Constable - Magnetic Resonance in Medicine, 2002 - Citeseer
... To cor- rect the **distortion**, a **filter** is computed from these multi- reference scans, and is applied
directly to the EPI k ... of view (FOV), thus providing a spatial map of **distortion** for each individual
voxel, just as the normal phase **encoding** provides the ... **Image Distortion** Correction in EPI ...
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The effects of time varying intravascular **signal** intensity and k - space acquisition order on three - dimensional MR   [PDF] from umich.edu
angiography **image** quality
JH Maki, MR Prince, FJ Londy... - Journal of Magnetic ..., 1996 - Wiley Online Library
... the preceding discussion, a one-dimen- sional projection of the output MR **image** (along the ... Point
by point multiply G(kJ with the **filter** function K(~J, which represents an ... at least to first order
approximation, time-varying intravascular **signal** during the "fast"- **encoding** direction can ...
Cited by 226 - Related articles - BL Direct - All 7 versions

Embedded **image** coding using zerotrees of wavelet coefficients   [PDF] from psu.edu
JM Shapiro - **Signal** Processing, IEEE Transactions on, 1993 - ieeexplore.ieee.org
... A target bit rate can be met exactly, and an operational rate- vs.-**distortion** function (RDF ... are simply
regularly spaced different outputs of a convolution between the **image** and a subband **filter**. ... As
will be seen, by em- ploying an **image** model based on an extremely simple and ...
Cited by 5119 - Related articles - BL Direct - All 22 versions

Transform-ratio ternary phase-amplitude **filter** formulation for improved correlation discrimination
DL Flannery, JS Loomis... - Applied optics, 1988 - opticsinfobase.org
... (a) (b) Undadr Page 3. which would result from thresholding an **image** includ- ing an object
superimposed on uniformly distributed random background clutter. ... The effect of substantial (quarter
wavelength peak- to-peak) phase **distortion** in the **filter** plane was inves- tigated for ...
Cited by 75 - Related articles - All 6 versions

Pulse-coupled neural nets: translation, rotation, scale, **distortion**, and intensity **signal** invariance for images
JL Johnson - Applied Optics, 1994 - opticsinfobase.org
... Invariance against scene illumination and **image distortion** was observed in simulations ... For
discrete time steps the digital **filter** model is used, as given in the appendix of Ref ... These
postsynaptic signals are summed to form the total **signal** out of that branch of the dendritic tree, ...
Cited by 155 - Related articles - BL Direct - All 8 versions

A subband coding technique for **image** compression in single CCD cameras with Bayer color **filter** arrays
T Toi... - Consumer Electronics, IEEE Transactions on, 1999 - ieeexplore.ieee.org

... the block **distortion** that occurs Hadamard coding. 179 compression suitable both for on-chip Color **Filter** Arrays (CFAs) for single CCD cameras and for wired logic. ... VI. SUMMARY AND CONCLUSION In this paper, we have reported a simple method of **image** Page 5. 180 ...

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Advanced **distortion**-invariant minimum average correlation energy (MACE) filters

D Casasent... - Applied optics, 1992 - opticsinfobase.org

... considered"~ for multiclass pattern recognition in the presence of virtually any type of **distortion** (ie, three ... the three errors noted in Test 3 in Table V.) By including one shifted **image** for each ... and Improved Noise Performance MV-MACE Filters We tested the two-class **filter** in Test ...

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A **filter** based bit allocation scheme for subband compression of HDTV

JW Woods... - **Image** Processing, IEEE Transactions ..., 1992 - ieeexplore.ieee.org

... For sufficiently bandlimiting filters, it has been found that [] the overall **distortion** D in the reconstructed **image** can be ... bit allo- cation, we introduce scaling factors w, in (1) as 1 min D = c w,a;, such that - c r, l R, r, 2 0 (2) h MI where wL takes into consideration the **filter** set being ...

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Image-signal decoding apparatus

H Fukuda - US Patent 5,479,211, 1995 - Google Patents

... 5 shows DCT coefficients used to determine the **filter** characteristic; FIG. ... 11 is a block diagram of an example of applying the **encoding** system of FIG. ... Conspicuousness of **image distortion** generally changes with the spatial frequency that adjacent images have. ...

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BTC **image** coding using median **filter** roots

G Arce... - Communications, IEEE Transactions ..., 1983 - ieeexplore.ieee.org

... ARCE AND GALLAGHER: BTC **IMAGE** CODING USING MEDIAN **FILTER** ROOTS ... 7 shows a BTC coded **image** and the trellis compressed **image**, at 16 bits/block and 9 bits/block ... By restricting certain transition paths, we can reduce the bit rate with a low probability of **distortion**. ...

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